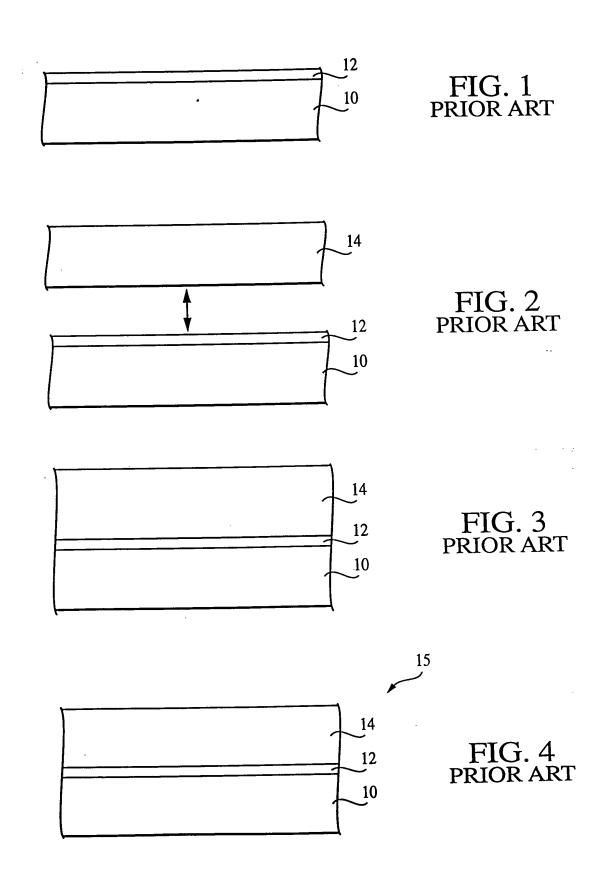
App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-B

Inventor: Hongmei Wang et al.

Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS TRANSISTOR AND METHOD OF FABRICATION

Sheet 1 of 10



App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-B\
Inventor: Hongmei Wang et al.
Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS
TRANSISTOR AND METHOD OF FABRICATION

Sheet 2 of 10

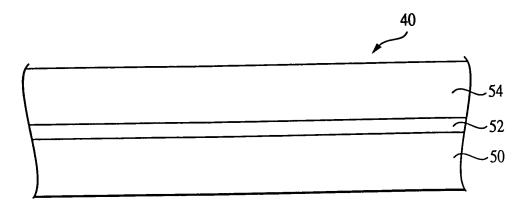


FIG. 5

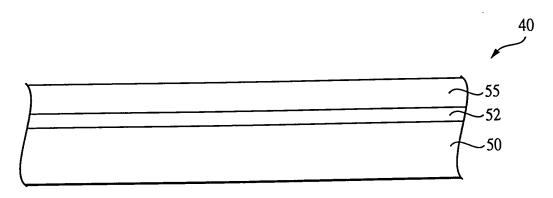


FIG. 6

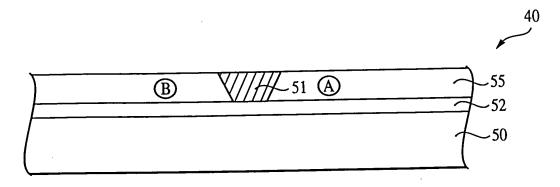


FIG. 7

App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-B Inventor: Hongmei Wang et al.

Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS TRANSISTOR AND METHOD OF FABRICATION

Sheet 3 of 10

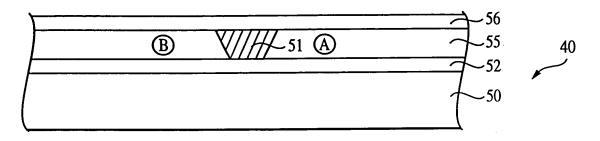


FIG. 8

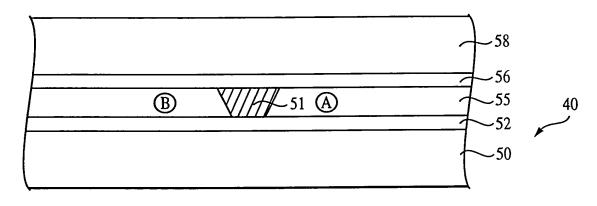


FIG. 9

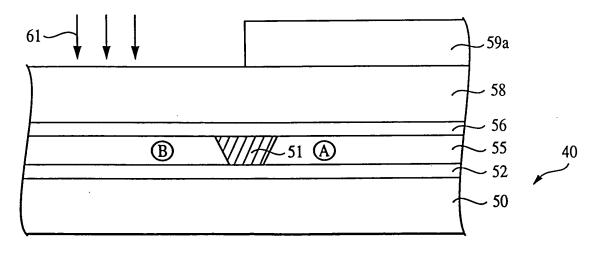


FIG. 10

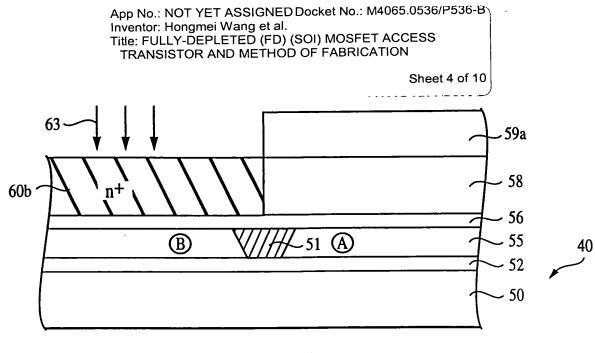


FIG. 11

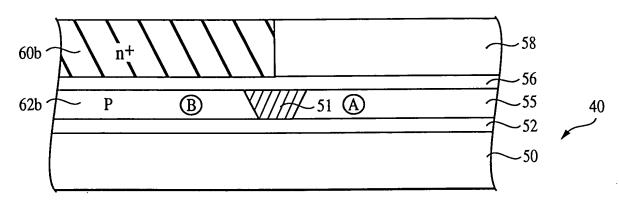


FIG. 12

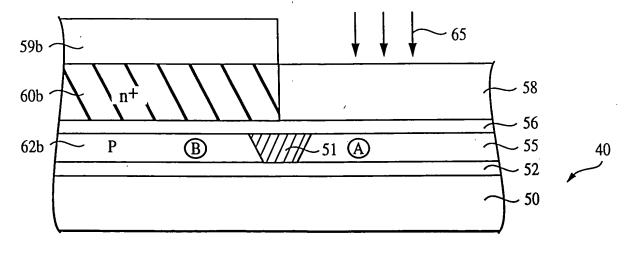


FIG. 13

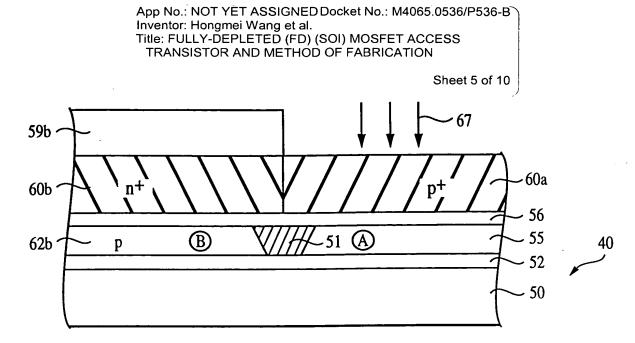


FIG. 14

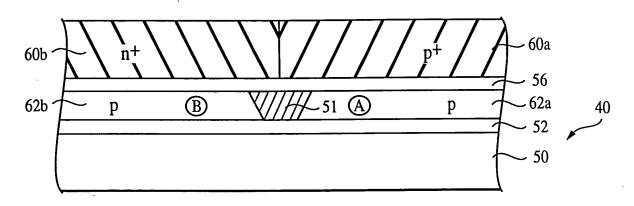


FIG. 15

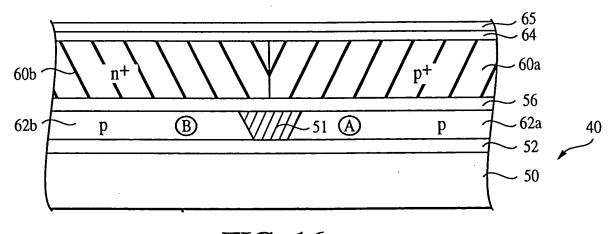


FIG. 16

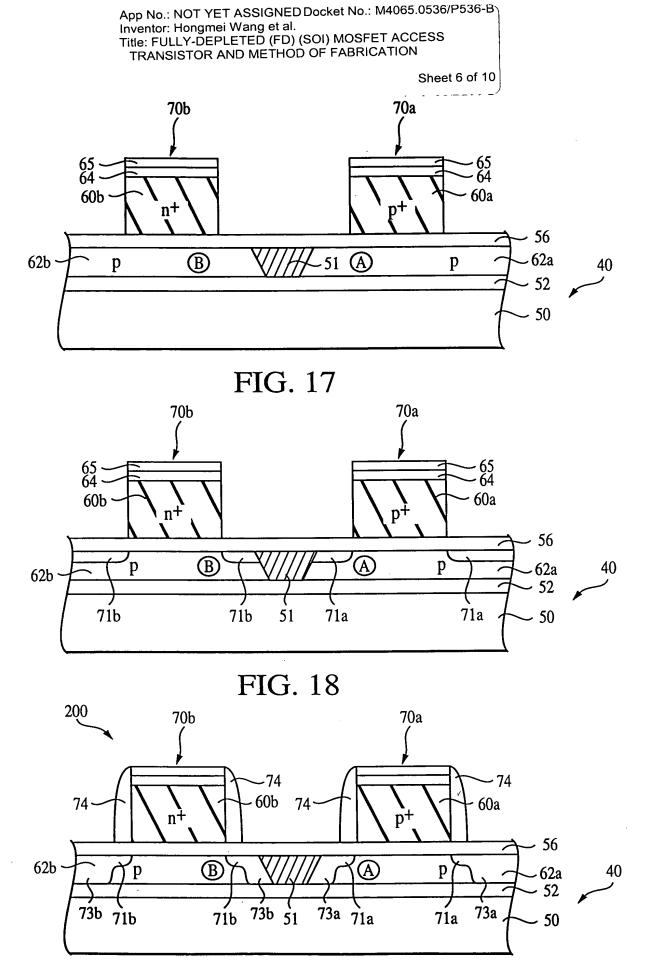


FIG. 19

App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-B

Inventor: Hongmei Wang et al.
Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS
TRANSISTOR AND METHOD OF FABRICATION

Sheet 7 of 10

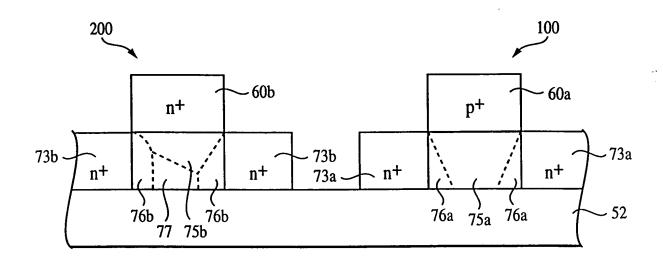


FIG. 20

App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-By Inventor: Hongmei Wang et al.
Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS
TRANSISTOR AND METHOD OF FABRICATION

Sheet 8 of 10

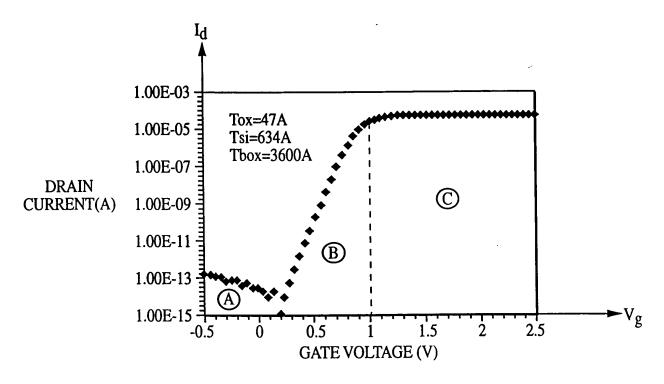


FIG. 21

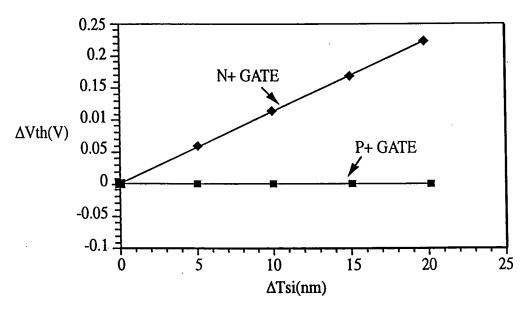


FIG. 22

App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-B Inventor: Hongmei Wang et al.
Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS
TRANSISTOR AND METHOD OF FABRICATION

Sheet 9 of 10

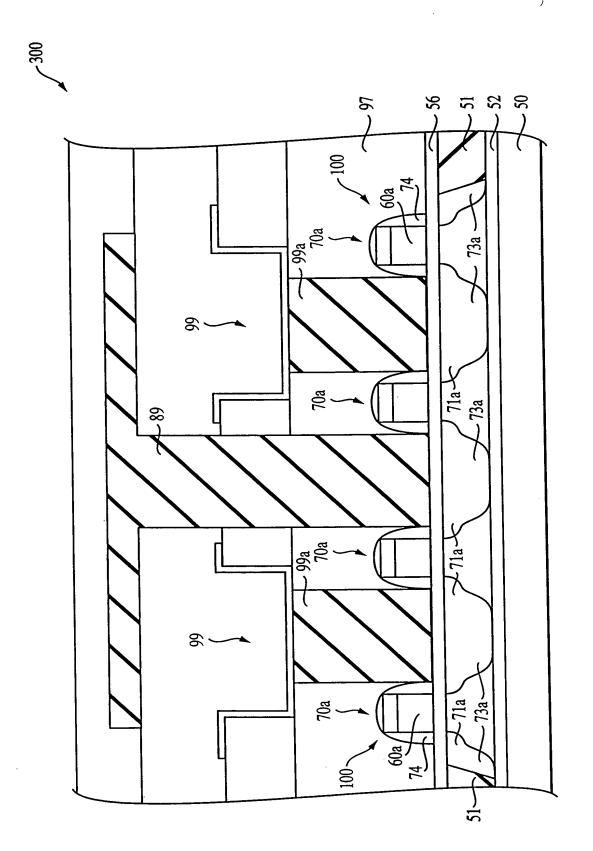


FIG. 23

App No.: NOT YET ASSIGNED Docket No.: M4065.0536/P536-B

Inventor: Hongmei Wang et al.
Title: FULLY-DEPLETED (FD) (SOI) MOSFET ACCESS TRANSISTOR AND METHOD OF FABRICATION

Sheet 10 of 10

